

EGAD

## HT1220 Report

### RECORD INFORMATION

Gene ID: 1220  
Sequence ID: 1220  
Protein ID: 1220  
Sequence name: thrombospondin 1, alt. transcript 1  
Genome: nucleus  
Taxon: Homo sapiens  
Locus: 1220  
Common Name: thrombospondin 1  
Role ID: 40

Coding sequence length: 3513 nt  
Transcript sequence length: 5722 nt  
Expression data: THG201673

### ACCESSION DATA

HT1220 is derived from accessions(s):

SP:P07996 (THROMBOSPONDIN 1 PRECURSOR.)  
GB:X04655(Human mRNA for thrombospondin)  
GB:XL4787(Human mRNA for thrombospondin)  
GB:U12471(thrombospondin-p50 (Homo sapiens))  
GB:M39425(Human thrombospondin mRNA, 3' end.)  
GB:PIR:GO1478 (thrombospondin-p50 - human (fragment))  
GB:U12471(Human thrombospondin-1 gene, partial cds.)  
GB:J04835(Human thrombospondin gene, exons 1, 2 and 3.)  
GB:M25631(Homo sapiens (clone lambda-TS-33) thrombospondin (THBS) mRNA, 5' end.)

### ALTERNATIVE SPlice INFORMATION

Alternative splice forms for this gene:

HT3987 thrombospondin 1, alt. transcript 2

### MAPPING DATA

GDB accession(s) for this gene:

GDB ID: Symbol

Figure 1A

Docket No.: 2825.1027-001  
Title: SINGLE NUCLEOTIDE...  
Inventors: Eric S. Lander, *et al.*

I E D A N L I P P V P D D K F Q D L V D A V R A E K G F L L L A S L R Q M K K T R G T L L A L E R K D H S G Q V F S V V  
S N G K A G T T L D L S L T V Q G K Q H V V S V E A L L A T Q G W K S I T L F V Q E D R A Q L Y I D C E K M E N A E D L  
V P I Q S V F T R D I A S I A R L R I A K G V N D N F Q G V L Q N V R F V F G T T P E D I L R N K G C S S T S V L L  
T L D N N V V N G S S P A I R T N Y I G H K T K D L Q A I C G I S C D E L S S M V L E L R G L R T I V T T L Q D S I R K  
V T E E N K E L A N E L R R P P L C H V N G V Q Y R N N E E W T V D S C T E C H C Q N S V T I C K K V S C P I M P C S N  
A T V P D G E C C P R C W S P D S A D D G W S P W S E W T S C S T S C G N G I Q Q R G R S C D S L N N R C E G G S V Q T  
R T C H I Q E C D K R F X Q D G G W S H W S P W S S C S V T C G D G V I T R I R L C N S P S F Q M M G K P C E G A R E  
T K A C K K D A C P I N G G W G P W S P W D I C S V T C G G V Q K S R L C N N P A P Q F G G K D C V G D V T E N Q I  
C N K Q D C P I D G C L S N P C F A G V K C T S Y P D G S W K C G A C P P G Y S G N G I Q Q T D V D E C K E V P D A C F  
N H N G E H R C E N T D P G Y N C L P C P R F T G S Q P F G Q Q V E H A T A N K Q V C K P R N P C T D G T H D C N K N  
A K C N Y L G H Y S D P M Y R C E C K P G Y A G N G I I C G E D T D L D G W P N E N L V C V A N A T Y H C K D N C P N  
L P N S Q G E D Y D K D G I G D A C D D D D N D K I P D R J N C P F H Y N P A Q Y D Y D R R D V G D R C D N C P Y N  
H N P D Q A D T D N N G E G D A C A A D I D G D G I L N E R D N C Q Y V Y N V D Q R D T D M D G V G D Q C D N C P L E H  
N P D Q L D S D S R I G D T C D N N Q D I D E D G H Q N L D N C P V Y P N A N Q A D H D K D G K G D A C H D D D N  
D G I P D D K D N C R L V P N P D Q K D S G D G R G D A C K D F D H D S V P D I D I C P E N V D I S E T D F R R F  
Q M I P L D P K G T S Q N D P N W V V R H O G K E L V Q T V N C D P G L A V G Y D E F N A V D F S G T F F I N T E R D  
D Y A G F V F G Y Q S S R F Y V V M W K Q V T Q S Y W D T N P T R A Q G Y S G L S V K V V N S T T G P G E H L R N A L  
W H T G N T P G Q V R T L W H D P R H I G W K D F T A Y R W R L S H R P K T G F I R V V M Y E G K K I M A D S G P I Y D  
K T Y A G G R L G L F V F S Q E M V F F S D L K Y E C R D P



Figure 1D



## HT2143 Report

### RECORD INFORMATION

Gene ID: 2081  
Sequence ID: 2143  
Protein ID: 2125  
Sequence name: thrombospondin 4  
Genome: nucleus  
Taxon: Homo sapiens  
Locus: 2081  
Common Name: thrombospondin 4  
Role ID: 40

Coding sequence length: 2886 nt  
Transcript sequence length: 3074 nt  
Expression data: THCl68897

### ACCESSION DATA

HT2143 is derived from accession(s):

SP:P35443 (THROMBOSPONDIN 4 PRECURSOR.)  
GB:Z19585(thrombospondin-4 {Homo sapiens})  
GB:Z19585(H. sapiens mRNA for thrombospondin-4)  
PIR:A55710 (thrombospondin 4 precursor - human)

### cDNA FEATURES

| Feature    | End 5 | End 3 |
|------------|-------|-------|
| coding_seq | 28    | 2913  |
| 3'UT       | 2914  | 3074  |

### SEQUENCE

nucleotide:

```
gaattccggggagcaggaaagccaaacatgtggcccgccggagccgcgtccctcg
ctgcacctggtcctgcagcgggtggcttagcggcaggccggccaccccccaggcttt
gaccccttcccatcttcactcagtcagaggctaaccggcaggcgctctgtgcacatgtttcaca
gccccccgcctgtaatgtatcttatgtgatccacccatccaaatgtgcacataaaatgttca
gcacccatcttcggctttactcttcactcagaacacgtaaatatgttgcattttactgttg
atgggacgttaaagcaaaggccatccctccgttacccatgttgcagaacatggaaagggtgcatttt
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Figure 2A

Docket No.: 2825.1027-001  
Title: SINGLE NUCLEOTIDE...  
Inventors: Eric S. Lander, *et al.*

ACDSCPVDVSNPQSDVDNDLVGDSCTNQDSGDGHQDSTDNCPTVINSAQLDTDKGIG  
DECDDDDNDGIPDLVPVPGPDNCRLVPNPAQEDNSDGVBGICESDFDQDVQIDRIVCP  
ENAEVTLTDFRAYQTVGLDPEDGAQIDPNWVVLNQGMEIVQTMNSDPGLAVGYTAFNGVD  
FEGTFHVNTQDDDYAGFIFGVQDSSSFYVMWKQTEQTYQATFRAVAEFGIQLKAVK  
SKTGPGEHLRNSLWHTGDTSDQVRLLWKDSRNVGWCKVKVSYRWFLQHFRPVGYIRVRFYE  
GSELVADSGVTIDTTMRGGRLGVFCFSQENIIWSNLKYRCNDTIPEDFQEFTQNFDRFD  
N



Figure 2C